

# Marcello Mazzani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4853314/publications.pdf>

Version: 2024-02-01

25  
papers

590  
citations

516710

16  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

894  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The strength of electron electron correlation in Cs <sub>3</sub> C <sub>60</sub> . Scientific Reports, 2015, 5, 15240.  | 3.3  | 10        |
| 2  | Effect of external pressure on the magnetic properties of R CoAsO ( R =La, Pr, Sm): a $\frac{1}{4}$ SR study. Journal of Physics and Chemistry of Solids, 2015, 84, 63-69.  | 4.0  | 1         |
| 3  | Hydrogen on graphene investigated by inelastic neutron scattering. Journal of Physics: Conference Series, 2014, 554, 012009.  | 0.4  | 20        |
| 4  | <sup>75</sup> As NQR signature of the isoelectronic nature of ruthenium for iron substitution in LaFeRuAsO. Physica Status Solidi (B): Basic Research, 2014, 251, 974-979.  | 1.5  | 4         |
| 5  | Stripe disorder and dynamics in the hole-doped antiferromagnetic insulator La <sub>5-x</sub> Sr <sub>x</sub> CoO <sub>10</sub> . Physical Review B, 2014, 89, 040407.   | 3.2  | 15        |
| 6  | The Chemistry of Ni <sup>4+</sup> Sb Carbonyl Clusters – Synthesis and Characterization of the [Ni <sub>19</sub> Sb <sub>4</sub> (CO) <sub>26</sub> ] <sup>4-</sup> Tetraanion and the Viologen Salts of [Ni <sub>13</sub> Sb <sub>2</sub> (CO) <sub>24</sub> ] <sup>+</sup> Carbonyl Clusters. European Journal of Inorganic Chemistry, 2014, 2014, 4151-4158. | 2.0  | 6         |
| 7  | Tracking the Hydrogen Motion in Defective Graphene. Journal of Physical Chemistry C, 2014, 118, 7110-7116.  | 3.1  | 26        |
| 8  | Pair distribution function analysis of La(Fe <sub>1-x</sub> Ru <sub>x</sub> )AsO compounds. Journal of Solid State Chemistry, 2014, 220, 37-44.   | 2.9  | 3         |
| 9  | Comparative Investigations on Platinum Cluster Salts. Johnson Matthey Technology Review, 2014, 58, 114-123.   | 1.0  | 1         |
| 10 | Ionic conductivity in the Mg intercalated fullerene polymer Mg <sub>2</sub> C <sub>60</sub> . Carbon, 2013, 51, 143-147.  | 10.3 | 31        |
| 11 | Muons probe magnetism and hydrogen interaction in graphene. Physica Scripta, 2013, 88, 068508.  | 2.5  | 3         |
| 12 | Common effect of chemical and external pressures on the magnetic properties of  |      |           |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | NMR Study of the Mott Transitions to Superconductivity in the Two $C_3$ Phases. Physical Review Letters, 2010, 104, 256402.  | 7.8  | 51        |
| 20 | Magnetic Behavior of Odd- and Even-Electron Metal Carbonyl Clusters: The Case Study of $[Co_8Pt_4C_2(CO)_{24}]^n$ ( $n = 1, 2$ ). J. Phys. Chem. B, 2007, 111, 10018-10024.    | 10.0 | 18        |
| 21 | Fullerenium Salts: A New Class of $C_{60}$ -Based Compounds. Journal of the American Chemical Society, 2010, 132, 2064-2068.   | 13.7 | 24        |
| 22 | Superionic Conductivity in the $Li_4C_60$ Fulleride Polymer. Physical Review Letters, 2009, 102, 145901.   | 7.8  | 50        |
| 23 | Four $\mu_4$ -oxo-bridged copper(ii) complexes: magnetic properties and catalytic applications in liquid phase partial oxidation reactions. Dalton Transactions, 2009, , 9543. | 3.3  | 57        |
| 24 | Ageing effects in nanographite monitored by Raman spectroscopy. Physica Status Solidi (B): Basic Research, 2008, 245, 2082-2085.   | 1.5  | 17        |
| 25 | Recovering metallicity in $A_4C_60$ : The case of monomeric $Li_4C_60$ . Physical Review B, 2007, 75, .  | 3.2  | 22        |